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NONAGRICULTUF \L EMPLOYMENT DROPS DURING JULY

NONAGRICULTURAL EMPLOYMENT ACROSS THE COMMONWEALTH DECREASED IN JULY 1982 TO 2,167,500 FOR AN OVER-THE-MONTH DECLINE OF 13,400. This was 4,400 below July year-ago totals. Plant shutdowns with unpaid vacations were widespread. Labor disputes in the trucking industry and the releasing of nonteaching personnel by school systems contributed heavily to the downturn in employment. A few bright spots emerged as tourist-related businesses made hires; financial institutions added workers; and some additions were made by construction firms. These increases were scattered, small, and in a lot of instances, only temporary for the hot weather months. Summer youth programs, while smaller than in previous years, did help to cushion some of the declines. The June-July downtrend was not unusual and was not as severe as the 1981 decline for the same period.

FEWER GOVERNMENT WORKERS WERE COUNTED ON PAYROLLS DURING THE JULY SURVEY PERIOD. This was a normal June to July trend. While federal employment rose with hiring by defense installations, both State and local government work forces declined. Nonteaching personnel were released for the summer months by educational systems at State and local levels. Enrollees in summer youth programs counterbalanced some of the layoffs; however, due to cutbacks in funds, enrollments were reduced from previous years and some programs were for a shorter period of time.

JUNE'S INCREASE OF 1,100 IN MANUFACTURING EMPLOYMENT WAS ERASED IN JULY BY A DECLINE OF 1,400. Both durable and nondurable goods producers experienced over-the-month losses. The week of July that contains Independence Day has traditionally been vacation time for many manufacturing firms. This year many plants extended vacation periods longer than usual and shutdowns without pay occurred in many sectors for many people. Segments most severly affected were textiles, apparel, chemicals, furniture, machinery, primary metals, and lumber and wood products. Exceptionally high interest rates have forced businesses to take cost-cutting measures and this accounted for some of the sharp increases in layoffs. All was not bleak on the manufacturing scene as an increase in transportation equipment softened the impact of the curtailments in the rest of the divisions. Virginia's 300,600 factory production workers earned an average of $284.48 in July. This was $2.07 less than last month but $13.80 more than a year ago. The average workweek declined six-tenths of an hour in July to 38.6 hours. The over-the-year change was a minus eight-tenths of an hour. Hourly earnings rose six cents from $7.31 in June to $7.37 in July. Shorter workweeks were recorded by every metropolitan area. Weekly earnings declined in all but the Petersburg Area.

MINING; TRANSPORTATION AND PUBLIC UTILITIES; AND TRADE ALSO TRENDED DOWNWARD. Several mines were shutdown in July as vacation periods were lengthened. Without coal to haul, fewer railroad workers were needed. This, plus labor disputes by trucking firms, suppressed employment. Little overall change occurred in trade (-100), which again reflected high interest rates for consumer credit to buy cars and other high-cost goods Reluctance on the part of consumers has caused retailers

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1982	JUNE 1982	JULY 1981	JUNE 1982	JULY 1981
TOTAL NONAGRICULTURAL	2,167.5	2,180.9	2,171.9	- 13.4	- 4.4
MANUFACTURING	396.4	397.8	410.5	- 1.4	- 14.1
DURABLE GOODS	178.3	178.5	188.8	- .2	- 10.5
LUMBER AND WOOD PRODUCTS	21.3	21.5	22.7	- .2	- 1.4
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	5.0	5.1	6.0	- .1	- 1.0
WOOD CONTAINERS	1.7	1.6	1.8	.1	- .1
WOOD BLDGS. & MOBILE HOMES	2.8	2.8	2.4	.0	.4
MISC. WOOD PRODUCTS	2.2	2.2	2.5	.0	- .3
FURNITURE AND FIXTURES	22.2	22.8	25.4	- .6	- 3.2
HOUSEHOLD AND OFFICE FURNITURE	21.0	21.6	23.8	- .6	- 2.8
STONE, CLAY & GLASS PRODUCTS	11.6	11.7	12.9	- .1	- 1.3
STRUCTURAL CLAY PRODUCTS	0.6	0.6	0.7	.0	- .1
CONCRETE, GYPSUM AND PLASTER PRODUCTS	6.1	6.2	7.0	- .1	- .9
GLASS AND GLASS PRODUCTS	1.9	1.9	2.2	.0	- .3
PRIMARY METAL INDUSTRIES	10.4	10.7	10.5	- .3	- .1
FABRICATED METAL PRODUCTS	19.3	19.2	20.9	.1	- 1.6
FABRICATED STRUCTURAL METAL PRODUCTS	11.6	11.6	12.6	.0	- 1.0
MACHINERY EXCEPT ELECTRICAL	13.5	14.0	14.6	- .5	- 1.1
CONSTRUCTION AND RELATED MACHINERY	4.1	4.4	4.7	- .3	- .6
SPECIAL INDUSTRY MACHINERY	1.8	1.8	1.8	.0	.0
REFRIGERATION AND SERVICE MACHINERY	1.9	1.9	2.0	.0	- .1
ELECTRIC & ELECTRONIC EQUIPMENT	35.4	35.3	36.4	.1	- 1.0
COMMUNICATION EQUIPMENT	10.2	10.2	10.0	.0	.2
ELECTRONIC COMPONENTS AND ACCESSORIES	6.5	6.3	6.0	.2	.5
TRANSPORTATION EQUIPMENT	38.3	36.9	38.6	1.4	- .3
INSTRUMENTS & RELATED PRODUCTS	4.0	4.0	4.1	.0	- .1
MISC. MANUFACTURING INDUSTRIES	2.4	2.6	2.6	- .2	- .2
NONDURABLE GOODS	218.1	219.3	221.7	- 1.2	- 3.6
FOOD & KINDRED PRODUCTS	40.6	40.1	38.7	.5	1.9
MEAT PRODUCTS	14.0	13.9	13.2	.1	.8
DAIRY PRODUCTS	2.5	2.6	2.5	- .1	.0
PRESERVED FRUITS AND VEGETABLES	3.8	3.4	2.5	.4	1.3
BAKERY PRODUCTS	4.5	4.5	4.7	.0	- .2
BEVERAGES	5.7	5.7	5.5	.0	.2
TOBACCO MANUFACTURES	18.4	18.2	18.1	.2	.3
CIGARETTES	16.4	16.3	16.4	.1	.0
CIGARS AND CHEWING AND SMOKING TOBACCO	0.5	0.5	0.5	.0	.0
TOBACCO STEMMING AND REDRYING	1.4	1.4	1.2	.0	.2
TEXTILE MILL PRODUCTS	41.0	42.3	44.6	- 1.3	- 3.6
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	17.7	18.1	19.3	- .4	- 1.6
NARROW FABRIC MILLS	0.7	0.8	0.9	- .1	- .2
KNITTING MILLS	13.8	14.2	14.1	- .4	- .3
TEXTILE FINISHING EXCEPT WOOL	4.1	4.2	5.0	- .1	- .9
YARN AND THREAD MILLS	2.1	2.3	2.4	- .2	- .3
MISC. TEXTILE GOODS	1.2	1.2	1.2	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	32.4	32.6	32.7	- .2	- .3
MENS & BOYS SUITS, COATS AND FURNISHINGS	11.0	11.1	11.5	- .1	- .5
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	17.8	17.8	17.9	.0	- .1
MISC. FABRICATED TEXTILE PRODUCTS	1.7	1.8	1.6	- .1	.1
PAPER & ALLIED PRODUCTS	14.6	14.5	15.2	.1	- .6
PULP, PAPER & PAPERBOARD	7.9	7.9	8.2	.0	- .3
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	6.4	6.5	6.7	- .1	- .3
MISC. CONVERTED PAPER PRODUCTS	2.8	2.7	2.7	.1	.1
PAPERBOARD CONTAINERS AND BOXES	3.7	3.8	4.0	- .1	- .3
PRINTING AND PUBLISHING	23.4	23.3	22.6	.1	.8
NEWSPAPER AND PERIODICALS	8.5	8.6	8.0	- .1	.5
COMMERCIAL PRINTING	9.4	9.3	9.3	.1	.1
CHEMICALS & ALLIED PRODUCTS	32.4	32.7	34.0	- .3	- 1.6
INDUSTRIAL INORGANIC CHEMICALS	0.9	0.9	0.9	.0	.0
PLASTICS MATERIALS AND SYNTHETICS	19.5	19.6	21.0	- .1	- 1.5
DRUGS	3.3	3.4	3.1	- .1	.2
AGRICULTURAL CHEMICALS	1.2	1.3	1.3	- .1	- .1
MISC. CHEMICAL PRODUCTS	4.2	4.2	4.2	.0	.0
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	11.9	12.0	12.2	- .1	- .3
MISC. PLASTICS PRODUCTS	6.1	6.2	6.2	- .1	- .1
RUBBER & RUBBER PRODUCTS	5.5	5.5	5.7	.0	- .2
LEATHER & LEATHER PRODUCTS	3.5	3.4	3.7	.1	- .2

(Continued on page 3)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 2)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1982	JUNE 1982	JULY 1981	JUNE 1982	JULY 1981
NONMANUFACTURING	1,771.1	1,783.0	1,761.4	- 11.9	9.7
MINING	22.5	23.0	22.7	- .5	- .2
BITUMINOUS COAL AND LIGNITE MINING	20.1	20.6	19.8	- .5	.3
CONSTRUCTION	110.0	108.6	121.4	1.4	- 11.4
TRANSPORTATION & PUBLIC UTILITIES	117.5	118.4	118.6	- .9	- 1.1
RAILROAD TRANSPORTATION	12.8	13.5	13.8	- .7	- 1.0
TRUCKING & WAREHOUSING	26.3	26.2	27.7	.1	- 1.4
TRANSPORTATION BY AIR	11.7	11.6	11.8	.1	- .1
COMMUNICATION	33.3	33.5	33.1	- .2	.2
ELECTRIC, GAS & SANITARY SERVICES	18.8	18.6	17.7	.2	1.1
WHOLESALE & RETAIL TRADE	477.2	477.3	465.1	- .1	12.1
WHOLESALE TRADE	109.2	109.5	107.7	- .3	1.5
WHOLESALE TRADE - DURABLE GOODS	66.4	66.5	66.0	- .1	.4
WHOLESALE TRADE - NONDURABLE GOODS	42.8	43.0	41.6	- .2	1.2
RETAIL TRADE	368.0	367.8	357.4	.2	10.6
GENERAL MERCHANDISE STORES	55.9	55.6	56.2	.3	- .3
DEPARTMENT STORES	45.2	44.9	45.8	.3	- .6
VARIETY STORES	9.1	9.0	8.7	.1	.4
FOOD STORES	56.4	56.7	57.3	- .3	- .9
AUTOMOTIVE DEALERS AND SERVICE STATIONS	43.9	43.8	43.6	.1	.3
FURNITURE AND HOME FURNISHING STORES	18.1	17.9	17.3	.2	.8
MISCELLANEOUS RETAIL	46.6	46.6	45.3	.0	1.3
FINANCE, INSURANCE AND REAL ESTATE	107.6	107.2	108.1	.4	- .5
BANKING	35.6	35.4	34.3	.2	1.3
INSURANCE CARRIERS	20.1	20.1	20.3	.0	- .2
REAL ESTATE	25.8	25.5	27.8	.3	- 2.0
SERVICES	433.3	432.0	427.7	1.3	5.6
PERSONAL SERVICES	23.3	23.5	24.2	- .2	- .9
BUSINESS SERVICES	83.9	83.4	82.4	.5	1.5
AUTO & MISC. REPAIR SERVICE	17.7	17.6	17.0	.1	.7
HEALTH SERVICES	114.0	113.8	110.8	.2	3.2
GOVERNMENT	503.1	516.5	497.8	- 13.4	5.3
FEDERAL GOVERNMENT	163.1	162.6	160.1	.5	3.0
STATE & LOCAL GOVERNMENT	339.9	353.9	337.6	- 14.0	2.3
STATE GOVERNMENT	122.6	124.0	118.4	- 1.4	4.2
LOCAL GOVERNMENT	217.3	229.9	219.3	- 12.6	- 2.0

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to 1st Quarter 1981 benchmark levels.

NOTE: Detail may not add to totals because of rounding.

NONAGRICULTURAL EMPLOYMENT DROPS DURING JULY

(continued from page 1)

to buy cautiously for the fall season and some merchants have asked that shipments of goods be delayed until close to the time of need.

ADDITIONS TO THE WORK FORCE WERE MADE BY SERVICES, CONSTRUCTION, AND FINANCIAL SEGMENTS OF THE ECONOMY. Tourist-related businesses had the most impact on services employment. Amusement centers, as well as hotels and motels, posted gains. Medical and health establishments were on the uptrend and so were repair shops. These increases were partially negated by reductions in private school personnel. While construction was up over the month, increases were small and scattered. Even with good weather to permit outdoor activity, many firms did not have enough work for everyone to complete a full weekly schedule. Finance's increases were centered in banks and real estate agencies.

THE BUREAU OF LABOR STATISTICS' PRODUCERS PRICE INDEX for all commodities for July 1982 was 300.6 (1967=100). This was an over-the-month increase of 0.4 percent and an over-the-year gain of 1.6 percent. The index for finished goods at 281.7 in July 1982 reflected a monthly increase of 0.6 percent and a yearly rise of 3.6 percent.

THE ALL URBAN CONSUMERS' PRICE INDEX rose 0.6 percent in July 1982. The Index (U. S. City Average) at 292.2 (1967=100) was up 6.5 percent over July 1981. The Urban Wage Earners and Clerical Workers Index rose 0.6 percent to 291.8 (1967=100) in July 1982 for an over-the-year increase of 6.3 percent.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS BY INDUSTRY DIVISIONS ANNUAL AVERAGES 1971 - 1981 JANUARY 1978 TO DATE

(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average									
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,115.0	413.8	23.3	138.4	114.2	443.9	104.4	383.5	493.5
1980	2,157.2	413.8	22.7	128.3	115.8	451.2	105.9	408.3	511.2
1981	2,160.1	411.9	21.4	115.7	116.6	462.8	106.2	415.8	509.6
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,046.7	411.4	23.7	120.3	111.7	430.6	100.5	358.9	489.6
February	2,026.6	402.2	23.3	114.3	110.6	424.2	100.8	362.4	488.8
March	2,058.8	406.7	23.6	126.1	112.2	429.7	100.8	369.9	489.8
April	2,091.8	407.7	23.6	135.3	111.4	439.1	102.3	380.3	492.1
May	2,113.2	409.7	23.7	141.0	112.4	443.0	103.3	384.9	495.2
June	2,140.9	412.3	23.8	147.0	116.2	445.8	105.9	390.9	499.0
July	2,137.9	414.8	23.4	150.8	116.4	442.1	107.6	394.2	488.6
August	2,143.0	417.4	23.3	151.2	116.4	445.0	108.0	395.8	485.9
September	2,148.7	420.3	22.9	147.6	116.2	448.2	106.3	392.9	494.3
October	2,152.6	421.5	22.9	144.5	115.5	453.5	105.7	391.2	497.7
November	2,159.8	421.6	22.7	143.5	115.3	459.0	105.6	391.8	500.3
December	2,160.0	420.3	22.8	139.5	115.6	466.0	106.2	389.1	500.5
1980:									
January	2,108.8	415.3	22.4	124.5	112.7	441.7	104.3	386.3	501.6
February	2,102.8	416.4	22.1	120.3	112.6	435.3	104.1	388.1	503.9
March	2,118.0	416.9	22.2	122.7	113.2	437.8	104.4	393.8	507.0
April	2,150.0	414.2	22.7	128.8	115.5	446.0	104.8	406.1	511.9
May	2,163.0	413.0	22.8	131.7	115.8	449.0	105.7	410.0	515.0
June	2,179.6	410.7	23.0	134.1	117.1	450.6	107.6	418.1	518.4
July	2,159.9	403.8	22.8	134.0	117.1	451.4	108.0	419.2	503.6
August	2,172.4	411.1	22.9	134.3	117.5	454.3	108.0	421.1	503.2
September	2,180.2	414.1	22.8	131.5	116.6	455.5	106.9	416.8	516.0
October	2,180.0	416.8	22.8	129.1	116.8	457.3	105.9	416.3	515.0
November	2,180.9	416.9	22.9	126.3	117.0	463.1	105.6	411.9	517.2
December	2,188.8	415.7	22.9	122.8	117.4	472.4	106.1	411.3	520.2
1981:									
January	2,124.0	411.4	22.5	108.9	114.4	451.0	104.5	399.7	511.6
February	2,122.4	411.1	22.6	108.3	114.5	447.4	104.2	400.4	513.8
March	2,140.0	413.0	22.7	113.0	115.0	448.7	104.1	406.8	515.8
April	2,146.2	411.8	12.9	116.5	114.6	454.7	105.9	413.5	516.4
May	2,154.3	412.9	13.0	118.1	115.1	458.2	105.9	415.7	515.5
June	2,187.1	413.2	22.4	121.2	118.0	464.5	107.6	424.7	515.6
July	2,171.9	410.5	22.7	121.4	118.6	465.1	108.1	427.7	497.8
August	2,169.6	412.4	23.2	120.9	118.4	466.6	108.0	426.9	493.2
September	2,178.9	416.1	23.5	118.4	117.9	468.6	107.5	423.7	503.2
October	2,175.4	411.9	23.6	116.5	118.0	471.1	106.5	418.9	509.0
November	2,174.7	410.4	23.9	113.9	117.6	475.1	105.8	416.0	511.9
December	2,176.2	408.5	23.5	111.1	117.6	483.1	105.7	415.6	511.1
1982:									
January	2,139.9	402.7	23.4	98.5	117.7	469.7	105.4	412.9	509.7
February	2,139.1	402.4	23.3	99.6	117.0	465.1	105.3	415.4	511.0
March	2,144.8	398.9	23.8	102.0	116.9	465.5	105.7	418.5	513.6
April	2,157.1	398.3	24.0	104.8	117.2	469.8	105.7	423.9	513.3
May	2,165.8	396.7	23.7	107.2	118.3	473.9	106.2	425.8	513.8
June	2,180.9	397.8	23.0	108.6	118.4	477.3	107.2	432.0	516.5
July	2,167.5	396.4	22.5	110.0	117.5	477.2	107.6	433.3	503.1

See footnote Table A-1.

Table A-3.

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1982	JUNE 1982	JULY 1981	NET CHANGE FROM JUNE 1982	JULY 1981
TOTAL NONAGRICULTURAL	939.4	947.8	927.3	- 8.4	12.1
MANUFACTURING	142.2	143.0	146.9	- .8	- 4.7
DURABLE GOODS	45.1	45.3	47.1	- .2	- 2.0
LUMBER AND WOOD PRODUCTS	3.6	3.6	4.0	.0	- .4
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	1.1	1.2	1.6	- .1	- .5
WOOD CONTAINERS	0.5	0.5	0.4	.0	.1
WOOD BLDGS. & MOBILE HOMES	0.3	0.3	0.3	.0	.0
MISC. WOOD PRODUCTS	0.5	0.5	0.6	.0	- .1
FURNITURE AND FIXTURES	8.4	8.6	9.1	- .2	- .7
HOUSEHOLD AND OFFICE FURNITURE	8.0	8.2	8.7	- .2	- .7
STONE, CLAY & GLASS PRODUCTS	1.6	1.6	1.6	.0	.0
STRUCTURAL CLAY PRODUCTS	0.0	0.0	0.1	.0	- .1
CONCRETE, GYPSUM AND PLASTER PRODUCTS	0.4	0.5	0.5	- .1	- .1
GLASS AND GLASS PRODUCTS	0.4	0.4	0.4	.0	.0
PRIMARY METAL INDUSTRIES	1.6	1.6	1.8	.0	- .2
FABRICATED METAL PRODUCTS	3.7	3.8	3.7	- .1	.0
FABRICATED STRUCTURAL METAL PRODUCTS	1.5	1.5	1.6	.0	- .1
MACHINERY EXCEPT ELECTRICAL	2.2	2.3	2.3	- .1	- .1
CONSTRUCTION AND RELATED MACHINERY	0.5	0.5	0.7	.0	- .2
SPECIAL INDUSTRY MACHINERY	0.2	0.2	0.2	.0	.0
REFRIGERATION AND SERVICE MACHINERY	0.4	0.4	0.4	.0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	15.6	15.5	16.1	.1	- .5
COMMUNICATION EQUIPMENT	5.0	5.0	5.0	.0	.0
ELECTRONIC COMPONENTS AND ACCESSORIES	2.5	2.5	2.4	.0	.1
TRANSPORTATION EQUIPMENT	5.3	5.2	5.5	.1	- .2
INSTRUMENTS & RELATED PRODUCTS	2.0	2.0	1.8	.0	.2
MISC. MANUFACTURING INDUSTRIES	1.1	1.2	1.2	- .1	- .1
NONDURABLE GOODS	97.2	97.7	99.7	- .5	- 2.5
FOOD & KINDRED PRODUCTS	15.4	15.2	14.6	.2	.8
MEAT PRODUCTS	6.1	6.1	5.7	.0	.4
DAIRY PRODUCTS	0.6	0.6	0.5	.0	.1
PRESERVED FRUITS AND VEGETABLES	2.0	1.7	1.2	.3	.8
BAKERY PRODUCTS	1.2	1.2	1.3	.0	- .1
BEVERAGES	0.7	0.7	0.7	.0	.0
TOBACCO MANUFACTURES	5.7	5.6	6.0	.1	- .3
CIGARETTES	5.2	5.0	5.4	.2	- .2
CIGARS AND CHEWING AND SMOKING TOBACCO	0.2	0.2	0.2	.0	.0
TOBACCO STEMMING AND REDRYING	0.3	0.4	0.4	- .1	- .1
TEXTILE MILL PRODUCTS	22.3	23.0	24.2	- .7	- 1.9
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	8.0	8.2	8.8	- .2	- .8
NARROW FABRIC MILLS	0.4	0.4	0.5	.0	- .1
KNITTING MILLS	10.2	10.5	10.6	- .3	- .4
TEXTILE FINISHING EXCEPT WOOL	1.6	1.6	1.8	.6	- .2
YARN AND THREAD MILLS	1.1	1.3	1.4	- .2	- .3
MISC. TEXTILE GOODS	0.4	0.4	0.4	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	29.3	29.3	29.6	.0	- .3
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.9	10.0	10.5	- .1	- .6
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	16.6	16.5	16.6	.1	.0
MISC. FABRICATED TEXTILE PRODUCTS	1.1	1.1	1.0	.0	.1
PAPER & ALLIED PRODUCTS	2.6	2.6	2.7	.0	- .1
PULP, PAPER & PAPERBOARD	0.8	0.8	0.9	.0	- .1
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	1.8	1.8	1.8	.0	.0
MISC. CONVERTED PAPER PRODUCTS	1.1	1.1	1.1	.0	.0
PAPERBOARD CONTAINERS AND BOXES	0.7	0.7	0.7	.0	.0
PRINTING AND PUBLISHING	8.4	8.4	8.1	.0	.3
NEWSPAPER AND PERIODICALS	3.2	3.2	3.2	.0	.0
COMMERCIAL PRINTING	2.6	2.5	2.5	.1	.1
CHEMICALS & ALLIED PRODUCTS	8.5	8.5	9.2	.0	- .7
INDUSTRIAL INORGANIC CHEMICALS	0.2	0.2	0.2	.0	.0
PLASTICS MATERIALS AND SYNTHETICS	4.9	4.8	5.5	.1	- .6
DRUGS	1.3	1.3	1.2	.0	.1
AGRICULTURAL CHEMICALS	0.3	0.3	0.4	.0	- .1
MISC. CHEMICAL PRODUCTS	0.8	0.8	0.7	.0	.1
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	2.4	2.5	2.6	- .1	- .2
MISC. PLASTICS PRODUCTS	1.7	1.7	1.8	.0	- .1
RUBBER & RUBBER PRODUCTS	0.7	0.7	0.8	.0	- .1
LEATHER & LEATHER PRODUCTS	2.6	2.5	2.7	.1	- .1

(Continued on page 7)

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 6)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1982	JUNE 1982	JULY 1981	JUNE 1982	JULY 1981
NONMANUFACTURING	797.2	804.8	780.4	- 7.6	16.8
MINING	1.1	1.1	0.9	.0	.2
BITUMINOUS COAL AND LIGNITE MINING	1.0	1.0	0.8	.0	.2
CONSTRUCTION	9.4	9.3	9.7	.1	- .3
TRANSPORTATION & PUBLIC UTILITIES	31.6	31.7	31.1	- .1	.5
RAILROAD TRANSPORTATION	1.7	1.8	1.9	- .1	- .2
TRUCKING & WAREHOUSING	3.3	3.3	3.4	.0	- .1
TRANSPORTATION BY AIR	4.6	4.5	4.5	.1	.1
COMMUNICATION	16.1	16.2	15.7	- .1	.4
ELECTRIC, GAS & SANITARY SERVICES	4.3	4.2	3.9	.1	.4
WHOLESALE & RETAIL TRADE	216.8	216.5	208.8	.3	8.0
WHOLESALE TRADE	27.6	27.7	26.3	- .1	1.3
WHOLESALE TRADE - DURABLE GOODS	16.3	16.3	15.9	.0	.4
WHOLESALE TRADE - NONDURABLE GOODS	11.3	11.4	10.4	- .1	.9
RETAIL TRADE	189.2	188.8	182.4	.4	6.8
GENERAL MERCHANDISE STORES	39.1	39.1	40.2	.0	- 1.1
DEPARTMENT STORES	30.4	30.4	31.6	.0	- 1.2
VARIETY STORES	7.6	7.6	7.5	.0	.1
FOOD STORES	23.5	23.7	23.6	- .2	- .1
AUTOMOTIVE DEALERS AND SERVICE STATIONS	9.1	9.1	8.7	.0	.4
FURNITURE AND HOME FURNISHING STORES	6.2	6.1	5.8	.1	.4
MISCELLANEOUS RETAIL	28.0	27.9	26.7	.1	1.3
FINANCE, INSURANCE AND REAL ESTATE	63.7	63.5	62.8	.2	.9
BANKING	25.9	25.6	24.7	.3	1.2
INSURANCE CARRIERS	11.3	11.3	11.3	.0	.0
REAL ESTATE	10.2	10.1	10.8	.1	- .6
SERVICES	243.6	242.2	239.8	1.4	3.8
PERSONAL SERVICES	14.6	14.6	15.1	.0	- .5
BUSINESS SERVICES	33.7	33.6	34.1	.1	- .4
AUTO & MISC. REPAIR SERVICE	4.0	3.9	4.0	.1	.0
HEALTH SERVICES	94.0	93.5	91.0	.5	3.0
GOVERNMENT	231.0	240.4	227.3	- 9.4	3.7
FEDERAL GOVERNMENT	59.7	59.2	56.5	.5	3.2
STATE & LOCAL GOVERNMENT	171.3	181.2	170.7	- 9.9	.6
STATE GOVERNMENT	57.5	58.1	57.6	- .6	- .1
LOCAL GOVERNMENT	113.8	123.1	113.2	- 9.3	.6

See footnote Table A-1.

Table A-4.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1982	JUNE 1982	JULY 1981	JUNE 1982	JULY 1981
MANUFACTURING	300.6	301.7	315.2	- 1.1	- 14.6
DURABLE GOODS	132.2	132.2	143.3	.0	- 11.1
LUMBER AND WOOD PRODUCTS	18.2	18.3	19.4	- .1	- 1.2
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	4.1	4.3	5.2	- .2	- 1.1
WOOD CONTAINERS	1.6	1.6	1.7	.0	- .1
WOOD BLDGS. & MOBILE HOMES	2.2	2.1	1.8	.1	.4
MISC. WOOD PRODUCTS	1.9	1.9	2.2	.0	- .3
FURNITURE AND FIXTURES	18.6	19.2	21.5	- .6	- 2.9
HOUSEHOLD AND OFFICE FURNITURE	17.9	18.4	20.3	- .5	- 2.4
STONE, CLAY & GLASS PRODUCTS	9.0	8.9	10.3	.1	- 1.3
STRUCTURAL CLAY PRODUCTS	0.5	0.5	0.7	.0	- .2
CONCRETE, GYPSUM AND PLASTER PRODUCTS	4.7	4.7	5.5	.0	- .8
GLASS AND GLASS PRODUCTS	1.5	1.5	1.8	.0	- .3
PRIMARY METAL INDUSTRIES	5.5	5.7	5.5	- .2	.0
FABRICATED METAL PRODUCTS	13.0	12.8	14.0	.2	- 1.0
FABRICATED STRUCTURAL METAL PRODUCTS	6.6	6.6	7.3	.0	- .7
MACHINERY EXCEPT ELECTRICAL	9.3	9.6	10.0	- .3	- .7
CONSTRUCTION AND RELATED MACHINERY	2.5	2.7	2.7	- .2	- .2
SPECIAL INDUSTRY MACHINERY	1.1	1.1	1.2	.0	- .1
REFRIGERATION AND SERVICE MACHINERY	1.4	1.3	1.4	.1	.0
ELECTRIC & ELECTRONIC EQUIPMENT	22.4	22.4	24.3	.0	- 1.9
COMMUNICATION EQUIPMENT	6.2	6.1	6.4	.1	- .2
ELECTRONIC COMPONENTS AND ACCESSORIES	3.5	3.5	3.6	.0	- .1
TRANSPORTATION EQUIPMENT	31.8	30.7	33.2	1.1	- 1.4
INSTRUMENTS & RELATED PRODUCTS	2.6	2.5	2.9	.1	- .3
MISC. MANUFACTURING INDUSTRIES	2.0	2.1	2.2	- .1	- .2
NONDURABLE GOODS	168.4	169.5	171.8	- 1.1	- 3.4
FOOD & KINDRED PRODUCTS	30.6	30.2	28.8	.4	1.8
MEAT PRODUCTS	12.1	12.1	11.4	.0	.7
DAIRY PRODUCTS	1.5	1.5	1.5	.0	.0
PRESERVED FRUITS AND VEGETABLES	3.3	3.0	1.9	.3	1.4
BAKERY PRODUCTS	2.1	2.1	2.4	.0	- .3
BEVERAGES	2.7	2.7	2.6	.0	.1
TOBACCO MANUFACTURES	13.1	13.0	12.4	.1	.7
CIGARETTES	11.9	11.7	11.4	.2	.5
CIGARS AND CHEWING AND SMOKING TOBACCO	0.4	0.4	0.4	.0	.0
TOBACCO STEMMING AND REDRYING	0.8	0.8	0.6	.0	.2
TEXTILE MILL PRODUCTS	36.2	37.4	39.8	- 1.2	- 3.6
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	15.5	15.9	17.0	- .4	- 1.5
NARROW FABRIC MILLS	0.7	0.7	0.8	.0	- .1
KNITTING MILLS	12.4	12.8	13.2	- .4	- .8
TEXTILE FINISHING EXCEPT WOOL	3.4	3.6	4.3	- .2	- .9
YARN AND THREAD MILLS	1.9	2.1	2.2	- .2	- .3
MISC. TEXTILE GOODS	1.0	1.0	1.0	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	29.2	29.4	29.5	- .2	- .3
MENS & BOYS SUITS, COATS AND FURNISHINGS	10.1	10.2	10.5	- .1	- .4
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	16.2	16.1	16.1	.1	.1
MISC. FABRICATED TEXTILE PRODUCTS	1.3	1.4	1.2	- .1	.1
PAPER & ALLIED PRODUCTS	11.2	11.1	11.7	.1	- .5
PULP, PAPER & PAPERBOARD	5.4	5.5	5.8	- .1	- .4
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	5.5	5.5	5.7	.0	- .2
MISC. CONVERTED PAPER PRODUCTS	2.4	2.3	2.3	.1	.1
PAPERBOARD CONTAINERS AND BOXES	3.1	3.2	3.4	- .1	- .3
PRINTING AND PUBLISHING	14.2	14.1	14.0	.1	.2
NEWSPAPER AND PERIODICALS	3.0	3.1	3.0	- .1	.0
COMMERCIAL PRINTING	7.3	7.3	7.2	.0	.1
CHEMICALS & ALLIED PRODUCTS	21.9	22.0	23.0	- .1	- 1.1
INDUSTRIAL INORGANIC CHEMICALS	0.3	0.3	0.4	.0	- .1
PLASTICS MATERIALS AND SYNTHETICS	14.2	14.2	15.3	.0	- 1.1
DRUGS	2.0	2.0	1.7	.0	.3
AGRICULTURAL CHEMICALS	0.7	0.7	0.6	.0	.1
MISC. CHEMICAL PRODUCTS	2.6	2.6	2.8	.0	- .2
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	9.0	9.1	9.3	- .1	- .3
MISC. PLASTICS PRODUCTS	4.5	4.6	4.6	- .1	- .1
RUBBER & RUBBER PRODUCTS	4.3	4.3	4.5	.0	- .2
LEATHER & LEATHER PRODUCTS	3.1	3.1	3.3	.0	- .2

See footnote Table A-1.

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1982	JUNE 1982	JULY 1981	NET CHANGE FROM JUNE 1982	NET CHANGE FROM JULY 1981
TOTAL NONAGRICULTURAL	26.5	26.8	26.7	- .3	- .2
MANUFACTURING	8.9	9.0	9.6	- .1	- .7
DURABLE GOODS	4.4	4.5	4.9	- .1	- .5
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	0.2	0.2	0.2	.0	.0
STONE, CLAY & GLASS PRODUCTS	0.3	0.3	0.3	.0	.0
PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS	2.0	2.1	2.5	- .1	- .5
OTHER DURABLE GOODS	2.0	2.0	2.0	.0	.0
NONDURABLE GOODS	4.5	4.5	4.6	.0	- .1
FOOD & KINDRED PRODUCTS	1.7	1.7	1.8	.0	- .1
TEXTILE MILL PRODUCTS	0.1	0.1	0.1	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	1.9	1.8	1.9	.1	.0
PAPER & ALLIED PRODS. & PRINTING & PUBLISHING	0.4	0.4	0.4	.0	.0
OTHER NONDURABLE GOODS	0.5	0.4	0.4	.1	.1
NONMANUFACTURING	17.6	17.8	17.2	- .2	.4
CONSTRUCTION	0.7	0.7	1.1	.0	- .4
TRANSPORTATION & PUBLIC UTILITIES	1.2	1.1	1.1	.1	.1
WHOLESALE & RETAIL TRADE	7.0	6.9	6.2	.1	.8
WHOLESALE TRADE	1.4	1.4	1.3	.0	.1
RETAIL TRADE	5.6	5.6	5.0	.0	.6
FINANCE, INSURANCE AND REAL ESTATE	0.9	0.9	0.9	.0	.0
SERVICES & MINING	3.5	3.4	3.4	.1	.1
GOVERNMENT	4.3	4.7	4.6	- .4	- .3
STATE & LOCAL GOVERNMENT	3.8	4.2	4.0	- .4	- .2

The Bristol, Virginia Area covers the city of Bristol and the counties of Scott and Washington.

NOTE: The category "Other Durable Goods" includes the machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco, Chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1982	JUNE 1982	JULY 1981	NET CHANGE FROM JUNE 1982	NET CHANGE FROM JULY 1981
TOTAL NONAGRICULTURAL	68.6	69.2	68.0	- .6	.6
MANUFACTURING	26.8	27.0	27.3	- .2	- .5
DURABLE GOODS	17.1	17.0	17.1	.1	.0
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	3.6	3.6	3.9	.0	- .3
OTHER DURABLE GOODS	13.4	13.4	13.2	.0	.2
NONDURABLE GOODS	9.8	10.0	10.1	- .2	- .3
FOOD & KINDRED PRODUCTS	1.5	1.6	1.5	.0	.1
TEXTILE MILL PRODUCTS	1.8	1.8	2.0	.0	- .2
APPAREL & OTHER TEXTILE PRODUCTS	2.0	2.1	2.1	- .1	- .1
PAPER & ALLIED PRODUCTS	1.1	1.1	1.2	.0	- .1
OTHER NONDURABLE GOODS	3.2	3.3	3.4	- .1	- .2
NONMANUFACTURING	41.7	42.2	40.8	- .5	.9
CONSTRUCTION	2.7	2.5	2.9	.2	- .2
TRANSPORTATION & PUBLIC UTILITIES	2.7	2.7	2.7	.0	.0
WHOLESALE & RETAIL TRADE	12.2	12.2	11.9	.0	.3
WHOLESALE TRADE	2.5	2.5	2.3	.0	.2
RETAIL TRADE	9.7	9.8	9.6	- .1	.1
FINANCE, INSURANCE AND REAL ESTATE	3.4	3.3	3.3	.1	.1
SERVICES & MINING	11.5	11.4	10.6	.1	.9
GOVERNMENT	9.4	10.0	9.3	- .6	.1

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox, and Campbell.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products; primary metal; fabricated metal products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1.

Table A-7. ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1982	JUNE 1982	JULY 1981	NET CHANGE FROM JUNE 1982	JULY 1981
TOTAL NONAGRICULTURAL	155.4	155.8	153.1	- .4	2.3
MANUFACTURING	35.8	34.9	34.6	.9	1.2
DURABLE GOODS	29.7	28.8	28.6	.9	1.1
STONE, CLAY & GLASS PRODUCTS	0.4	0.5	0.4	- .1	.0
TRANSPORTATION EQUIPMENT	26.1	25.2	24.6	.9	1.5
OTHER DURABLE GOODS	3.1	3.2	3.5	- .1	- .4
NONDURABLE GOODS	6.1	6.0	6.0	.1	.1
FOOD & KINDRED PRODUCTS	2.6	2.5	2.4	.1	.2
TEXTILE MILL PROD & APPAREL & OTHER TEXTILE PRODUCTS	0.4	0.4	0.5	.0	- .1
PRINTING AND PUBLISHING	1.2	1.2	1.2	.0	.1
OTHER NONDURABLE GOODS	1.9	1.9	1.9	.0	.0
NONMANUFACTURING	119.6	121.0	118.6	- 1.4	1.0
CONSTRUCTION	6.8	6.4	7.0	.4	- .2
TRANSPORTATION & PUBLIC UTILITIES	5.3	5.4	5.1	- .1	.2
WHOLESALE & RETAIL TRADE	29.7	29.7	29.0	.0	.7
WHOLESALE TRADE	3.9	3.8	3.6	.1	.3
RETAIL TRADE	25.8	25.8	25.4	.0	.4
FINANCE, INSURANCE AND REAL ESTATE	5.1	5.2	4.9	- .1	.2
SERVICES & MINING	33.1	32.7	32.9	.4	.2
GOVERNMENT	39.6	41.4	39.8	- 2.0	- .2
FEDERAL GOVERNMENT	17.5	17.4	17.6	.1	- .1
STATE & LOCAL GOVERNMENT	22.1	24.2	22.2	- 2.1	- .1

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson, and Williamsburg and the counties of James City, York, and Gloucester.

NOTE: The category "Other Durable Goods" includes the lumber and wood products; furniture and fixtures; primary metal; fabricated metal products; machinery, except electrical; electric and electronic equipment; instruments and related products; and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1982	JUNE 1982	JULY 1981	NET CHANGE FROM JUNE 1982	JULY 1981
TOTAL NONAGRICULTURAL	293.8	294.2	292.8	- .4	1.0
MANUFACTURING	28.6	28.6	30.0	.0	- 1.4
DURABLE GOODS	16.7	16.8	17.9	- .1	- 1.2
LUMBER AND WOOD PRODUCTS	1.4	1.5	1.5	- .1	- .1
STONE, CLAY & GLASS PRODUCTS	1.7	1.8	1.8	- .1	- .1
FABRICATED METAL PRODUCTS	1.0	1.0	1.0	.0	.0
MACHINERY EXCEPT ELECTRICAL	1.2	1.2	1.3	.0	- .1
TRANSPORTATION EQUIPMENT	7.3	7.3	7.7	.0	- .4
OTHER DURABLE GOODS	4.0	4.0	4.5	.0	- .5
NONDURABLE GOODS	11.9	11.8	12.1	.1	- .2
FOOD & KINDRED PRODUCTS	6.1	6.0	5.9	.1	.2
APPAREL & OTHER TEXTILE PRODUCTS	0.9	0.9	1.0	.0	- .1
PRINTING AND PUBLISHING	2.6	2.6	2.5	.0	.1
CHEMICALS & ALLIED PRODUCTS	1.1	1.2	1.2	- .1	- .1
AGRICULTURAL CHEMICALS	0.5	0.5	0.6	.0	- .1
OTHER NONDURABLE GOODS	1.2	1.2	1.5	.0	- .3
NONMANUFACTURING	265.2	265.6	262.8	- .4	2.4
CONSTRUCTION	17.1	17.1	17.6	.0	- .5
TRANSPORTATION & PUBLIC UTILITIES	20.1	20.4	20.1	- .3	.0
RAILROAD TRANSPORTATION	1.4	1.5	1.5	- .1	- .1
WHOLESALE & RETAIL TRADE	72.0	71.7	71.3	.3	.7
WHOLESALE TRADE	14.9	15.0	15.2	- .1	- .3
RETAIL TRADE	57.1	56.7	56.1	.4	1.0
FINANCE, INSURANCE AND REAL ESTATE	15.3	15.4	15.2	- .1	.1
BANKING	5.0	4.9	4.8	.1	.2
INS CARRIERS, AGENTS, BROKERS, & SERVICES	3.3	3.4	3.3	- .1	.0
SERVICES & MINING	61.9	61.6	60.2	.3	1.7
PERSONAL SERVICES	4.7	4.7	4.6	.0	.1
GOVERNMENT	78.8	79.4	78.5	- .6	.3
FEDERAL GOVERNMENT	38.3	38.2	37.4	.1	.9
STATE & LOCAL GOVERNMENT	40.5	41.2	41.1	- .7	- .6

The Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk, and Virginia Beach, Virginia and the county of Currituck, North Carolina.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures, primary metal, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1982	JUNE 1982	JULY 1981	NET CHANGE FROM JUNE 1982	JULY 1981
TOTAL NONAGRICULTURAL	476.6	478.1	469.7	- 1.5	6.9
MANUFACTURING	21.7	21.5	20.2	.2	1.5
DURABLE GOODS	13.2	13.0	12.4	.2	.8
STONE, CLAY & GLASS PRODUCTS	0.8	0.8	1.0	.0	- .2
FABRICATED METAL PRODUCTS	0.9	0.9	1.1	.0	- .2
MACHINERY EXCEPT ELECTRICAL	0.7	0.7	0.7	.0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	8.4	8.1	7.2	.3	1.2
OTHER DURABLE GOODS	2.4	2.5	2.4	- .1	.0
NONDURABLE GOODS	8.5	8.5	7.8	.0	.7
FOOD & KINDRED PRODUCTS	1.1	1.1	1.1	.0	.0
PRINTING AND PUBLISHING	5.7	5.6	5.0	.1	.7
OTHER NONDURABLE GOODS	1.8	1.8	1.6	.0	.2
NONMANUFACTURING	454.9	456.6	449.5	- 1.7	5.4
MINING	0.4	0.4	0.4	.0	.0
CONSTRUCTION	27.3	26.5	30.2	.8	- 2.9
TRANSPORTATION & PUBLIC UTILITIES	32.6	32.5	32.5	.1	.1
TRANSPORTATION BY AIR	8.5	8.4	8.8	.1	- .3
ELECTRIC, GAS & SANITARY SERVICES	3.8	3.7	3.8	.1	.0
WHOLESALE & RETAIL TRADE	114.9	115.3	112.1	- .4	2.8
WHOLESALE TRADE	22.9	22.9	21.7	.0	1.2
RETAIL TRADE	92.1	92.4	90.4	- .3	1.7
GENERAL MERCHANDISE STORES	13.3	13.3	13.2	.0	.1
FOOD STORES	10.0	10.2	10.2	- .2	- .2
AUTOMOTIVE DEALERS AND SERVICE STATIONS	11.1	11.2	11.4	- .1	- .3
APPAREL & ACCESSORY STORES	6.2	6.3	6.1	- .1	.1
EATING & DRINKING PLACES	29.3	29.5	28.6	- .2	.7
FINANCE, INSURANCE AND REAL ESTATE	29.9	29.7	29.8	.2	.1
BANKING	6.8	6.7	6.6	.1	.2
SERVICES	128.5	129.0	126.3	- .5	2.2
BUSINESS SERVICES	45.0	44.8	43.5	.2	1.5
GOVERNMENT	121.3	123.2	118.2	- 1.9	3.1
FEDERAL GOVERNMENT	69.3	68.6	66.4	.7	2.9
STATE & LOCAL GOVERNMENT	51.9	54.6	51.8	- 2.7	.1

The Northern Virginia Area covers the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, and Prince William.

NOTE: The category "Other Durable Goods" includes the lumber and wood products, furniture and fixtures, primary metal, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1982	JUNE 1982	JULY 1981	NET CHANGE FROM JUNE 1982	JULY 1981
TOTAL NONAGRICULTURAL	44.7	45.9	43.7	- 1.2	1.0
MANUFACTURING	9.9	10.1	10.0	- .2	- .1
DURABLE GOODS	1.9	2.3	2.1	- .4	- .2
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	0.3	0.4	0.3	- .1	.0
STONE, CLAY & GLASS PRODUCTS	0.3	0.1	0.2	.0	- .1
FABRICATED METAL PRODUCTS	0.1	0.1	0.2	.0	- .1
OTHER DURABLE GOODS	1.4	1.6	1.3	- .2	.1
NONDURABLE GOODS	7.9	7.8	8.0	.1	- .1
FOOD & KINDRED PRODUCTS	0.3	0.3	0.3	.0	.0
TEXTILE MILL PROD & APPAREL & OTHER TEXTILE PRODUCTS	0.3	0.3	0.4	.0	- .1
CHEMICALS & ALLIED PRODUCTS	3.2	3.2	3.6	.0	- .4
OTHER NONDURABLE GOODS	4.1	4.0	3.8	.1	.3
NONMANUFACTURING	34.9	35.8	33.6	- .9	1.3
CONSTRUCTION	1.9	1.9	2.1	.0	- .2
TRANSPORTATION & PUBLIC UTILITIES	1.2	1.2	1.3	.0	- .1
WHOLESALE & RETAIL TRADE	9.1	9.4	8.8	- .3	.5
WHOLESALE TRADE	1.1	1.2	1.2	- .1	- .1
RETAIL TRADE	8.2	8.2	7.6	.0	.6
FINANCE, INSURANCE AND REAL ESTATE	1.3	1.2	1.2	.1	.1
SERVICES & MINING	7.2	7.1	6.7	.1	.5
GOVERNMENT	13.9	14.9	13.6	- 1.0	.3
FEDERAL GOVERNMENT	5.6	5.5	5.4	.1	.2
STATE & LOCAL GOVERNMENT	8.3	9.4	8.2	- 1.1	.1

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell, and Petersburg and the counties of Dinwiddie and Prince George.

NOTE: The category "Other Durable Goods" includes the primary metal; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the paper and allied products, printing and publishing, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1982	JUNE 1982	JULY 1981	NET CHANGE FROM JUNE 1982	JULY 1981
TOTAL NONAGRICULTURAL	326.1	329.9	326.5	- 3.8	- .4
MANUFACTURING	54.3	54.4	56.8	- .1	- 2.5
DURABLE GOODS	15.4	15.5	17.2	- .1	- 1.8
LUMBER AND WOOD PRODUCTS	1.4	1.4	1.6	.0	- .2
FURNITURE AND FIXTURES	1.2	1.3	1.7	- .1	- .5
STONE, CLAY & GLASS PRODUCTS	1.0	1.0	1.2	.0	- .2
FABRICATED METAL PRODUCTS	2.4	2.1	2.4	.3	.0
FABRICATED STRUCTURAL METAL PRODUCTS	1.7	1.6	1.7	.1	.0
MACHINERY EXCEPT ELECTRICAL	2.2	2.2	2.2	.0	.0
OTHER DURABLE GOODS	7.3	7.5	8.0	- .2	- .7
NONDURABLE GOODS	38.9	38.9	39.6	.0	- .7
FOOD & KINDRED PRODUCTS	3.9	4.0	4.2	- .1	- .3
BAKERY PRODUCTS	1.5	1.5	1.6	.0	- .1
TOBACCO MANUFACTURES	13.3	13.1	13.7	.2	- .4
CIGARETTES	12.1	12.1	12.7	.0	- .6
TOBACCO STEMMING AND REDRYING	0.8	0.6	0.6	.2	.2
APPAREL & OTHER TEXTILE PRODUCTS	2.1	2.2	2.1	- .1	.0
PAPER & ALLIED PRODUCTS	4.1	4.1	4.2	.0	- .1
PRINTING AND PUBLISHING	5.7	5.7	5.5	.0	.2
COMMERCIAL PRINTING	3.4	3.4	3.2	.0	.2
CHEMICALS & ALLIED PRODUCTS	8.2	8.3	8.4	- .1	- .2
OTHER NONDURABLE GOODS	1.6	1.6	1.6	.0	.0
NONMANUFACTURING	271.7	275.5	269.7	- 3.8	2.0
MINING	0.3	0.3	0.3	.0	.0
CONSTRUCTION	17.5	17.5	18.1	.0	- .6
TRANSPORTATION & PUBLIC UTILITIES	19.8	19.8	19.9	.0	- .1
WHOLESALE & RETAIL TRADE	77.7	77.6	76.2	.1	1.5
WHOLESALE TRADE	23.3	23.3	23.9	.0	- .6
RETAIL TRADE	54.5	54.3	52.3	.2	2.2
GENERAL MERCHANDISE STORES	11.9	11.7	10.5	.2	1.4
FOOD STORES	7.3	7.4	7.4	- .1	- .1
AUTOMOTIVE DEALERS AND SERVICE STATIONS	5.8	5.8	5.7	.0	.1
FINANCE, INSURANCE AND REAL ESTATE	26.5	26.4	26.6	.1	- .1
INS CARRIERS, AGENTS, BROKERS, & SERVICES	10.2	10.2	10.6	.0	- .4
SERVICES	63.1	62.4	61.3	.7	1.8
GOVERNMENT	66.8	71.5	67.4	- 4.7	- .6
FEDERAL GOVERNMENT	9.5	9.3	9.5	.2	.0
STATE & LOCAL GOVERNMENT	57.3	62.2	57.9	- 4.9	- .6

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent, and Powhatan.

NOTE: The category "Other Durable Goods" includes the primary metal, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1982	JUNE 1982	JULY 1981	NET CHANGE FROM JUNE 1982	JULY 1981
TOTAL NONAGRICULTURAL	101.7	102.9	103.4	- 1.2	- 1.7
MANUFACTURING	19.9	19.8	21.1	.1	- 1.2
DURABLE GOODS	11.1	11.1	12.1	.0	- 1.0
FURNITURE AND FIXTURES	1.3	1.0	1.4	.3	- .1
PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS	2.3	2.4	2.4	- .1	- .1
FABRICATED STRUCTURAL METAL PRODUCTS	0.9	1.0	1.1	- .1	- .2
MACHINERY EXCEPT ELECTRICAL	1.3	1.3	1.7	- .2	- .4
OTHER DURABLE GOODS	6.4	6.4	6.6	.0	- .2
NONDURABLE GOODS	8.8	8.7	9.1	.1	- .3
FOOD & KINDRED PRODUCTS	1.9	1.8	1.8	.1	.1
TEXTILE MILL PRODUCTS	1.8	1.8	1.9	.0	- .1
APPAREL & OTHER TEXTILE PRODUCTS	1.8	1.7	1.8	.1	.0
PRINTING AND PUBLISHING	0.9	0.9	1.0	.0	- .1
OTHER NONDURABLE GOODS	2.5	2.5	2.6	.0	- .1
NONMANUFACTURING	81.8	83.1	82.3	- 1.3	- .5
MINING	0.1	0.2	0.2	- .1	- .1
CONSTRUCTION	4.5	4.5	4.8	.0	- .3
TRANSPORTATION & PUBLIC UTILITIES	9.3	9.9	9.9	- .6	- .6
WHOLESALE & RETAIL TRADE	25.6	25.6	25.1	.0	.5
WHOLESALE TRADE	7.6	7.6	7.5	.0	.1
RETAIL TRADE	18.0	18.0	17.7	.0	.3
FINANCE, INSURANCE AND REAL ESTATE	6.1	6.1	6.2	.0	- .1
SERVICES	21.1	21.2	20.9	- .1	.2
GOVERNMENT	15.1	15.7	15.2	- .6	- .1
FEDERAL GOVERNMENT	3.3	3.3	3.3	.0	.0
STATE & LOCAL GOVERNMENT	11.8	12.4	12.0	- .6	- .2

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke and Salem and the counties of Botetourt, Craig, and Roanoke.

NOTE: The category "Other Durable Goods" includes the lumber and wood products; stone, clay, and glass; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table B-1.

LABOR FORCE ESTIMATES 1/

(Data Not Seasonally Adjusted)

	Preliminary June 1982	Revised May 1982	June 1981
UNITED STATES			
Civilian Labor Force	111,569,000	109,914,000	109,904,000
Employed	100,683,000	99,957,000	101,419,000
Unemployed	10,886,000	9,957,000	8,485,000
Rate	9.8	9.1	7.7
VIRGINIA			
Civilian Labor Force	2,672,900	2,640,800	2,655,100
Employed	2,474,600	2,453,200	2,482,300
Unemployed	198,300	187,600	172,800
Rate	7.4	7.1	6.5
BRISTOL AREA			
Civilian Labor Force	37,580	37,420	39,040
Employed	34,500	34,660	36,250
Unemployed	3,080	2,760	2,790
Rate	8.2	7.4	7.1
LYNCHBURG SMSA			
Civilian Labor Force	76,330	76,200	75,500
Employed	70,070	69,720	70,480
Unemployed	6,260	6,480	5,020
Rate	8.2	8.5	6.6
NEWPORT NEWS-HAMPTON SMSA			
Civilian Labor Force	173,890	170,050	171,430
Employed	162,390	159,130	159,000
Unemployed	11,500	10,920	12,430
Rate	6.6	6.4	7.3
NORFOLK-VIRGINIA BEACH-PORTSMOUTH SMSA			
Civilian Labor Force	345,080	340,350	341,870
Employed	320,420	316,130	317,130
Unemployed	24,660	24,220	24,740
Rate	7.1	7.1	7.2
NORTHERN VIRGINIA AREA			
Civilian Labor Force	626,800	619,200	617,600
Employed	597,800	591,900	589,700
Unemployed	29,000	27,300	27,900
Rate	4.6	4.4	4.5
PETERSBURG-COLONIAL HEIGHTS-HOPEWELL SMSA			
Civilian Labor Force	60,680	59,820	59,590
Employed	55,420	54,770	54,610
Unemployed	5,260	5,050	4,980
Rate	8.7	8.4	8.4
RICHMOND SMSA			
Civilian Labor Force	344,130	341,100	338,280
Employed	323,690	321,450	322,190
Unemployed	20,440	19,650	16,090
Rate	5.9	5.8	4.8
ROANOKE SMSA			
Civilian Labor Force	112,860	111,270	112,230
Employed	104,770	103,730	105,020
Unemployed	8,090	7,540	7,210
Rate	7.2	6.8	6.4

1/ All data adjusted to a place-of-residence basis.

NOTE: Employment includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to first quarter 1981 benchmark levels.

Manpower Research
Virginia Employment Commission

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C-1.

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981
MANUFACTURING	$284.48	$286.55	$270.68	38.6	39.2	39.4	$7.37	$7.31	$6.87
DURABLE GOODS	288.95	289.81	273.60	39.1	39.7	40.0	7.39	7.30	6.84
LUMBER AND WOOD PRODUCTS	218.59	217.88	194.02	39.6	40.2	37.6	5.52	5.42	5.16
FURNITURE AND FIXTURES	180.44	178.72	179.40	36.9	36.4	39.0	4.89	4.91	4.60
HOUSEHOLD AND OFFICE FURNITURE	178.24	177.02	179.40	36.6	36.2	39.0	4.87	4.89	4.60
STONE, CLAY & GLASS PRODUCTS	251.84	259.96	248.29	37.7	38.8	39.1	6.68	6.70	6.35
STRUCTURAL CLAY PRODUCTS	246.24	258.11	217.29	40.7	43.6	37.4	6.05	5.92	5.81
GLASS AND GLASS PRODUCTS	276.05	287.82	277.20	38.5	39.0	40.0	7.17	7.38	6.93
PRIMARY METAL INDUSTRIES	334.95	351.51	366.83	37.3	39.1	40.4	8.98	8.99	9.08
FABRICATED METAL PRODUCTS	373.68	361.27	335.37	41.2	41.1	41.2	9.07	8.79	8.14
FABRICATED STRUCTURAL METAL PRODUCTS	333.52	301.44	325.21	41.9	40.3	42.4	7.96	7.48	7.67
MACHINERY EXCEPT ELECTRICAL	283.44	294.53	289.81	37.1	38.3	39.7	7.64	7.69	7.30
CONSTRUCTION AND RELATED MACHINERY	276.24	278.78	301.02	36.3	36.3	40.9	7.61	7.68	7.36
SPECIAL INDUSTRY MACHINERY	308.33	357.77	298.88	34.8	39.1	37.5	8.86	9.15	7.97
REFRIGERATION AND SERVICE MACHINERY	272.69	296.43	283.39	36.8	41.0	40.6	7.41	7.23	6.98
ELECTRIC & ELECTRONIC EQUIPMENT	286.86	283.78	284.49	37.4	38.4	39.9	7.67	7.39	7.13
COMMUNICATION EQUIPPENT	292.80	298.68	297.61	36.6	38.0	38.6	8.00	7.86	7.71
INSTRUMENTS & RELATED PRODUCTS	192.56	203.37	187.90	36.4	38.3	36.7	5.29	5.31	5.12
MISC. MANUFACTURING INDUSTRIES	219.71	217.80	225.72	35.9	36.0	39.6	6.12	6.05	5.70
NONDURABLE GOODS	281.15	284.75	268.41	38.2	38.9	38.9	7.36	7.32	6.90
FOOD & KINDRED PRODUCTS	267.05	278.70	246.13	39.1	40.1	38.7	6.83	6.95	6.36
TOBACCO MANUFACTURES	435.05	454.50	411.72	38.5	40.4	37.6	11.30	11.25	10.95
CIGARETTES	449.30	470.09	427.12	38.8	40.7	38.0	11.58	11.55	11.24
TEXTILE MILL PRODUCTS	212.76	214.62	214.54	36.0	36.5	40.1	5.91	5.88	5.35
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	230.78	234.91	236.88	38.4	38.7	42.0	6.01	6.07	5.64
KNITTING MILLS	190.89	185.90	188.24	32.3	32.5	37.8	5.91	5.72	4.98
YARN AND THREAD MILLS	193.54	195.78	194.46	38.4	39.0	42.0	5.04	5.02	4.63
MISC. TEXTILE GOODS	254.75	246.71	229.50	42.6	42.1	41.5	5.98	5.86	5.53
APPAREL & OTHER TEXTILE PRODUCTS	171.76	174.84	158.75	36.7	37.6	35.2	4.68	4.65	4.51
MENS & BOYS SUITS, COATS AND FURNISHINGS	180.22	186.87	173.46	35.9	37.6	35.4	5.02	4.97	4.90
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	161.70	162.80	148.75	36.5	37.0	35.0	4.43	4.40	4.25
PAPER & ALLIED PRODUCTS	362.80	366.87	344.79	40.0	40.9	40.9	9.07	8.97	8.43
PULP, PAPER & PAPERBOARD	435.14	444.93	402.75	41.8	42.7	40.6	10.41	10.42	9.92
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	293.38	290.47	285.23	38.3	39.2	41.1	7.66	7.41	6.94
PRINTING AND PUBLISHING	314.26	313.88	320.45	38.0	38.0	37.7	8.27	8.26	8.50
NEWSPAPER AND PERIODICALS	268.15	285.76	257.52	33.9	35.9	33.1	7.91	7.96	7.78
CHEMICALS & ALLIED PRODUCTS	390.86	380.66	360.55	41.1	40.8	41.3	9.51	9.33	8.73
PLASTICS MATERIALS AND SYNTHETICS	387.84	378.95	378.96	40.4	40.1	42.2	9.60	9.45	8.98
AGRICULTURAL CHEMICALS	225.27	264.09	260.65	35.7	41.2	40.6	6.31	6.41	6.42
LEATHER & LEATHER PRODUCTS	159.71	160.93	142.69	38.3	38.5	36.4	4.17	4.18	3.92

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981
MANUFACTURING	$245.97	$246.08	$225.17	37.1	37.8	38.1	$6.63	$6.51	$5.91
DURABLE GOODS	314.38	308.90	274.91	39.0	39.3	39.9	8.06	7.86	6.89
FABRICATED METAL PRODUCTS	428.98	413.09	322.53	40.7	40.9	39.0	10.54	10.10	8.27
MACHINERY & TRANSPORTATION EQUIPMENT	263.47	275.62	263.09	37.8	39.6	40.6	6.97	6.96	6.48
NONDURABLE GOODS	172.20	176.09	170.75	35.0	36.0	36.1	4.92	4.89	4.73
FOOD & KINDRED PRODUCTS	192.24	188.31	187.82	34.7	34.3	34.4	5.54	5.49	5.46
APPAREL & OTHER TEXTILE PRODUCTS	142.38	155.30	148.88	33.5	36.2	36.4	4.25	4.29	4.09

Data for the Bristol, Virginia Area (city of Bristol and the counties of Scott and Washington) cover approximately 6,800 production workers.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981
MANUFACTURING	$239.78	$252.36	$271.88	34.6	36.0	40.1	$6.93	$7.01	$6.78
DURABLE GOODS	241.49	259.81	290.24	32.9	35.3	40.2	7.34	7.36	7.22
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	139.56	136.65	170.59	27.8	26.9	35.1	5.02	5.08	4.86
NONDURABLE GOODS	236.99	242.43	247.78	36.8	36.9	39.9	6.44	6.57	6.21
FOOD & KINDRED PRODUCTS	258.18	308.26	261.87	33.1	41.6	40.6	7.80	7.41	6.45
TEXTILE MILL PRODUCTS	238.29	204.94	216.45	39.0	34.1	39.0	6.11	6.01	5.55
APPAREL & OTHER TEXTILE PRODUCTS	131.75	133.79	141.69	31.0	30.2	35.6	4.25	4.43	3.98
PAPER & ALLIED PRODUCTS	370.27	374.74	382.54	45.1	45.7	50.4	8.21	8.20	7.59

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox, and Campbell) cover approximately 17,800 production workers.

See footnote Table C-1.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981
MANUFACTURING	$309.20	$316.58	$292.94	40.9	41.6	40.8	$7.56	$7.61	$7.18
DURABLE GOODS	338.62	346.86	319.77	41.6	42.3	41.8	8.14	8.20	7.65
LUMBER AND WOOD PRODUCTS	238.89	232.93	229.70	38.1	38.5	40.8	6.27	6.05	5.63
STONE, CLAY & GLASS PRODUCTS	288.14	300.88	246.55	41.4	42.8	37.3	6.96	7.03	6.61
FABRICATED METAL PRODUCTS	256.47	240.01	216.97	41.5	38.9	37.8	6.18	6.17	5.74
MACHINERY EXCEPT ELECTRICAL	263.45	254.69	250.73	38.8	37.9	39.3	6.79	6.72	6.38
TRANSPORTATION EQUIPPENT	416.25	439.36	406.25	45.0	46.2	45.8	9.25	9.51	8.87
NONDURABLE GOODS	259.50	263.16	242.74	39.8	40.3	38.9	6.52	6.53	6.24
FOOD & KINDRED PRODUCTS	252.23	259.69	235.22	40.1	40.2	39.8	6.29	6.46	5.91
CHEMICALS & ALLIED PRODUCTS	246.74	273.64	247.78	34.9	40.3	36.6	7.07	6.79	6.77

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk, and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 21,900 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981
MANUFACTURING	$301.86	$306.15	$292.79	38.7	39.3	39.3	$7.80	$7.79	$7.45
DURABLE GOODS	286.30	285.12	287.00	39.6	39.6	41.0	7.24	7.20	7.00
STONE, CLAY & GLASS PRODUCTS	232.32	220.06	234.60	36.3	34.6	37.9	6.40	6.36	6.19
FABRICATED METAL PRODUCTS	329.94	337.83	317.58	39.8	40.9	42.4	8.29	8.26	7.49
ELECTRIC & ELECTRONIC EQUIPMENT	289.07	286.94	297.19	40.6	40.7	42.7	7.12	7.05	6.96
NONDURABLE GOODS	322.27	336.78	302.50	37.3	38.8	36.8	8.64	8.68	8.22
FOOD & KINDRED PRODUCTS	308.39	318.17	298.16	40.9	41.7	40.9	7.54	7.63	7.29

Data for the Northern Virginia Area (cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, and Prince William) cover approximately 10,500 production workers.

See footnote Table C-1.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981
MANUFACTURING	$394.79	$392.78	$349.19	40.7	41.0	38.5	$9.70	$9.58	$8.94
DURABLE GOODS	181.67	196.61	171.11	37.0	38.4	36.1	4.91	5.12	4.74
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	251.43	194.65	237.71	44.5	40.3	42.6	5.65	4.83	5.58
NONDURABLE GOODS	448.03	449.77	387.87	41.6	41.8	39.1	10.77	10.76	9.92
FOOD & KINDRED PRODUCTS	1/ 253.90	234.77	223.45	1/ 43.7	40.9	41.0	1/ 5.81	5.74	5.45
CHEMICALS & ALLIED PRODUCTS	502.38	484.22	406.30	45.3	44.1	39.6	11.09	10.98	10.26

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell, and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 7,700 production workers.

1/ 1982 hours and earnings data not comparable with prior years.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981
MANUFACTURING	$361.62	$355.68	$345.69	38.8	39.0	39.1	$9.32	$9.12	$8.84
DURABLE GOODS	339.15	326.02	316.29	37.6	38.4	39.0	9.02	8.49	8.11
LUMBER AND WOOD PRODUCTS	187.07	207.87	220.30	35.7	39.0	40.2	5.24	5.33	5.48
FURNITURE AND FIXTURES	185.20	191.67	177.55	36.6	38.8	37.3	5.06	4.94	4.76
FABRICATED METAL PRODUCTS	459.37	375.39	351.45	38.7	38.7	35.5	11.87	9.70	9.90
FABRICATED STRUCTURAL METAL PRODUCTS	541.29	399.68	381.81	41.1	39.3	34.9	13.17	10.17	10.94
NONDURABLE GOODS	369.26	366.13	356.59	39.2	39.2	39.1	9.42	9.34	9.12
FOOD & KINDRED PRODUCTS	277.55	278.94	238.01	40.4	40.9	38.7	6.87	6.82	6.15
TOBACCO MANUFACTURES	409.96	414.38	420.71	37.1	37.5	37.8	11.05	11.05	11.13
CIGARETTES	416.25	416.25	429.75	37.5	37.5	38.2	11.10	11.10	11.25
APPAREL & OTHER TEXTILE PRODUCTS	185.25	177.57	176.86	39.0	37.7	38.7	4.75	4.71	4.57
PAPER & ALLIED PRODUCTS	351.83	336.71	313.88	39.8	39.8	40.5	8.84	8.46	7.75
PRINTING AND PUBLISHING	340.99	323.24	347.59	38.4	36.9	37.7	8.88	8.76	9.22
CHEMICALS & ALLIED PRODUCTS	429.46	435.87	400.05	41.9	42.4	41.2	10.25	10.28	9.71

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent, and Powhatan) cover approximately 36,100 production workers.

See footnote Table C-1.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981	JULY 1982	JUNE 1982	JULY 1981
MANUFACTURING	$252.78	$256.47	$263.31	38.3	38.8	40.2	$6.60	$6.61	$6.55
DURABLE GOODS	266.45	261.12	269.53	39.3	38.8	40.9	6.78	6.73	6.59
FABRICATED METAL PRODUCTS	246.52	240.77	260.99	39.7	38.9	42.3	6.26	6.27	6.17
FABRICATED STRUCTURAL METAL PRODUCTS	248.86	224.33	275.82	40.4	36.3	43.3	6.16	6.18	6.37
NONDURABLE GOODS	237.71	250.78	255.06	37.2	38.7	39.3	6.39	6.48	6.49
FOOD & KINDRED PRODUCTS	269.33	266.41	267.73	43.3	42.9	44.4	6.22	6.21	6.03
TEXTILE MILL PRODUCTS	191.52	211.84	188.86	36.0	38.1	38.7	5.32	5.56	4.88

Data for the Roanoke Standard Metropolitan Statistical Area (cities of Roanoke and Salem and the counties of Botetourt, Craig, and Roanoke) cover approximately 13,600 production workers.

See footnote Table C-1.

CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS
U. S. CITY AVERAGE

ALL ITEMS -- (1967=100)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.	ANNUAL AVERAGE PERCENT CHANGE
1970	113.3	113.9	114.5	115.2	115.7	116.3	116.7	116.9	117.5	118.1	118.5	119.1	116.3	5.9
1971	119.2	119.4	119.8	120.2	120.8	121.5	121.8	122.1	122.2	122.4	122.6	123.1	121.3	4.3
1972	123.2	123.8	124.0	124.3	124.7	125.0	125.5	125.7	126.2	126.6	126.9	127.3	125.3	3.3
1973	127.7	128.6	129.8	130.7	131.5	132.4	132.7	135.1	135.5	136.6	137.6	138.5	133.1	6.2
1974	139.7	141.5	143.1	143.9	145.5	146.9	148.0	149.9	151.7	153.0	154.3	155.4	147.7	11.1
1975	156.1	157.2	157.8	158.6	159.3	160.6	162.3	162.8	163.6	164.6	165.6	166.3	161.2	9.1
1976	166.7	167.1	167.5	168.2	169.2	170.1	171.1	171.9	172.6	173.3	173.8	174.3	170.5	5.8
1977	175.3	177.1	178.2	179.6	180.6	181.8	182.6	183.3	184.0	184.5	185.4	186.1	181.5	6.4
1978	187.2	188.4	189.8	191.5	193.3	195.3	196.7	197.8	199.3	200.9	202.0	202.9	195.4	7.7
1979	204.7	207.1	209.1	211.5	214.1	216.6	218.9	221.1	223.4	225.4	227.5	229.9	217.4	11.3
1980	233.2	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	246.8	13.5
1981	260.5	263.2	265.1	266.8	269.0	271.3	274.4	276.5	279.3	279.9	280.7	281.5	272.4	10.4
1982	282.5	283.4	283.1	284.3	287.1	290.6	292.2							

SOURCE: U. S. Department of Labor, Bureau of Labor Statistics

Table D-1.

SEASONALLY ADJUSTED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA
(In Thousands)

SEASONALLY ADJUSTED	JULY 1982	JUNE 1982	JULY 1981	JUNE 1981
TOTAL NONAGRICULTURAL	2,150.3	2,152.9	2,154.5	2,158.7
MANUFACTURING	398.0	399.4	412.1	414.6
DURABLE GOODS	178.8	179.0	189.3	190.4
LUMBER AND WOOD PRODUCTS	21.1	21.1	22.5	22.2
FURNITURE AND FIXTURES	23.0	23.2	26.3	26.1
HOUSEHOLD AND OFFICE FURNITURE	21.8	22.0	24.7	24.6
STONE, CLAY & GLASS PRODUCTS	11.4	11.5	12.6	12.7
GLASS AND GLASS PRODUCTS	1.8	1.8	2.1	2.1
STRUCTURAL CLAY PRODUCTS	0.6	0.6	0.7	0.7
PRIMARY METAL INDUSTRIES	11.0	10.8	11.1	11.9
FABRICATED METAL PRODUCTS	19.4	19.2	21.0	20.8
FABRICATED STRUCTURAL METAL PRODUCTS	11.*	11.7	12.7	12.8
MACHINERY EXCEPT ELECTRICAL	13.6	14.1	14.7	14.7
CONSTRUCTION AND RELATED MACHINERY	4.2	4.5	4.8	4.5
SPECIAL INDUSTRY MACHINERY	1.8	1.8	1.8	1.9
REFRIGERATION AND SERVICE MACHINERY	1.9	1.9	2.0	1.9
ELECTRIC & ELECTRONIC EQUIPMENT	35.3	35.4	36.3	35.9
COMMUNICATION EQUIPMENT	10.2	10.3	10.0	10.0
TRANSPORTATION EQUIPMENT	37.5	36.9	37.8	38.5
INSTRUMENTS & RELATED PRODUCTS	4.0	4.0	4.1	4.2
MISC. MANUFACTURING INDUSTRIES	2.5	2.6	2.7	2.7
NONDURABLE GOODS	219.9	220.0	223.4	224.3
FOOD & KINDRED PRODUCTS	41.6	41.2	39.6	40.1
TOBACCO MANUFACTURES	19.3	19.0	19.0	19.3
CIGARETTES	16.4	16.2	16.4	16.3
TEXTILE MILL PRODUCTS	41.1	42.3	44.7	44.7
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	17.8	18.1	19.4	19.3
KNITTING MILLS	13.7	14.1	14.0	14.1
YARN AND THREAD MILLS	2.1	2.3	2.4	2.5
MISC. TEXTILE GOODS	1.2	1.2	1.2	1.2
APPAREL & OTHER TEXTILE PRODUCTS	32.6	32.1	32.9	32.7
MENS & BOYS SUITS, COATS AND FURNISHINGS	10.9	10.9	11.4	11.4
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	18.1	17.5	18.1	18.0
PAPER & ALLIED PRODUCTS	14.5	14.5	15.1	15.0
PULP, PAPER & PAPERBOARD	7.7	7.8	8.0	8.0
PRINTING AND PUBLISHING	23.3	23.1	22.5	22.4
NEWSPAPER AND PERIODICALS	8.5	8.6	8.0	8.1
CHEMICALS & ALLIED PRODUCTS	32.2	32.4	33.8	33.9
PLASTICS MATERIALS AND SYNTHETICS	19.4	19.4	20.9	20.9
AGRICULTURAL CHEMICALS	1.2	1.3	1.3	1.4
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	11.9	12.0	12.2	12.6
LEATHER & LEATHER PRODUCTS	3.4	3.3	3.6	3.6
MINING	21.6	21.9	21.7	21.3
BITUMINOUS COAL AND LIGNITE MINING	19.2	19.6	18.9	18.4
CONSTRUCTION	102.8	102.6	113.4	114.5
TRANSPORTATION & PUBLIC UTILITIES	116.5	117.1	117.6	116.7
RAILROAD TRANSPORTATION	13.0	13.7	14.0	13.1
TRUCKING & WAREHOUSING	25.9	25.6	27.3	27.3
TRANSPORTATION BY AIR	11.6	11.7	11.7	12.0
COMMUNICATION	32.8	33.3	32.6	32.9
ELECTRIC, GAS & SANITARY SERVICES	18.5	18.4	17.5	17.4
WHOLESALE & RETAIL TRADE	476.7	476.3	469.7	463.5
WHOLESALE TRADE	109.4	109.5	108.0	108.1
WHOLESALE TRADE - DURABLE GOODS	65.9	65.8	65.5	65.6
WHOLESALE TRADE - NONDURABLE GOODS	43.5	43.3	42.2	42.3
RETAIL TRADE	367.3	366.7	356.6	355.4
GENERAL MERCHANDISE STORES	58.2	57.4	58.5	58.6
FOOD STORES	55.9	56.0	56.8	56.9
AUTOMOTIVE DEALERS AND SERVICE STATIONS	43.4	43.5	43.1	43.3
FURNITURE AND HOME FURNISHING STORES	18.4	18.1	17.5	17.2
MISCELLANEOUS RETAIL	47.2	46.7	45.8	45.6
FINANCE, INSURANCE AND REAL ESTATE	105.5	105.6	106.0	106.0
BANKING	35.3	35.2	34.0	33.9
INSURANCE CARRIERS	20.0	20.0	20.2	20.3
REAL ESTATE	24.2	24.2	26.0	26.1
SERVICES	424.4	422.3	418.8	415.1
PERSONAL SERVICES	23.8	23.6	24.7	24.6
BUSINESS SERVICES	82.6	82.4	81.1	80.6
AUTO & MISC. REPAIR SERVICE	17.7	17.3	17.0	16.6
HEALTH SERVICES	113.3	113.1	110.1	109.8
GOVERNMENT	508.7	508.9	503.0	507.7
FEDERAL GOVERNMENT	160.5	159.3	157.6	155.9
STATE & LOCAL GOVERNMENT	347.2	349.4	344.7	352.0

Current month's estimates are preliminary and have been adjusted to 1st Quarter 1981 benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, SEASONALLY ADJUSTED
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1972 - 1981
JANUARY 1978 TO DATE

(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.9	432.8
1977	1,930.6	401.0	21.9	113.7	105.9	399.4	90.3	324.9	454.8
1978	2,033.0	409.4	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.4	413.2	24.3	135.2	114.3	439.9	103.3	374.6	493.6
1980	2,156.8	413.7	22.7	128.6	115.8	451.1	105.9	408.1	511.0
1981	2,160.4	412.0	21.4	115.9	116.7	462.9	106.3	415.8	509.6
1978:									
January	1,967.9	405.5	14.1	120.4	105.1	413.6	93.1	341.0	471.2
February	1,981.5	406.0	13.7	121.9	105.4	416.7	93.7	344.2	473.8
March	1,987.2	406.2	13.4	121.8	106.5	418.3	94.5	347.1	476.1
April	2,013.2	405.3	24.3	129.9	106.9	421.1	95.1	349.4	480.3
May	2,027.6	408.8	22.6	129.7	108.8	425.4	96.1	354.1	481.7
June	2,048.2	410.5	23.1	132.3	109.2	430.6	97.9	358.4	486.1
July	2,046.1	410.2	23.3	132.6	103.7	431.4	97.8	362.6	486.5
August	2,054.0	411.5	21.0	132.8	104.8	433.4	98.4	365.5	487.8
September	2,052.9	411.0	17.2	133.0	104.6	435.1	99.5	367.1	485.9
October	2,063.8	412.1	23.1	134.4	111.7	433.6	98.6	364.7	486.3
November	2,073.7	412.5	24.2	135.1	111.6	437.6	99.5	368.2	487.8
December	2,079.6	413.0	24.4	134.2	112.1	438.6	100.9	371.3	488.6
1979:									
January	2,091.1	415.2	26.6	134.2	114.3	437.2	101.2	369.3	490.6
February	2,078.2	405.9	26.5	128.5	113.7	437.0	102.0	371.3	489.1
March	2,088.9	409.9	25.8	133.8	114.4	439.6	101.7	372.7	489.0
April	2,088.1	410.3	25.1	134.4	112.3	440.2	102.7	373.4	488.9
May	2,093.3	411.8	23.7	136.3	113.4	440.5	102.6	373.7	490.8
June	2,093.4	412.2	23.2	136.7	115.4	438.8	103.2	372.8	491.2
July	2,097.5	415.0	23.3	137.6	115.0	439.4	103.6	372.0	493.3
August	2,101.5	414.9	23.9	137.6	114.9	438.9	103.9	372.5	495.4
September	2,105.8	415.9	23.0	137.0	114.9	439.5	104.4	375.1	496.2
October	2,112.6	416.2	22.8	135.5	114.7	441.4	105.1	379.1	498.3
November	2,116.1	415.6	23.5	135.3	114.0	444.5	105.0	381.8	499.2
December	2,114.5	415.4	23.9	135.6	114.3	441.9	105.1	381.4	501.0
1980:									
January	2,146.5	417.9	24.2	139.2	114.1	446.2	105.5	395.5	502.4
February	2,153.5	419.2	23.7	138.3	114.4	447.3	105.6	396.7	504.3
March	2,146.2	420.1	23.2	131.3	114.1	447.1	105.7	396.4	506.2
April	2,155.7	416.9	23.4	130.5	116.0	449.3	106.0	403.1	508.6
May	2,154.2	415.1	22.0	129.1	116.8	449.2	105.9	405.7	510.3
June	2,150.6	412.0	21.8	126.5	115.9	449.5	106.0	408.5	510.3
July	2,141.8	405.3	21.7	125.1	116.1	450.9	105.9	410.4	508.6
August	2,159.3	409.9	22.5	125.0	116.7	453.3	106.0	413.9	513.1
September	2,165.4	409.8	22.5	125.2	116.2	454.3	106.0	414.2	518.4
October	2,167.3	412.2	22.4	125.1	116.5	454.4	105.9	416.9	514.7
November	2,168.3	413.0	22.7	124.6	116.1	455.0	106.2	417.8	515.4
December	2,172.6	413.4	23.0	123.6	116.2	456.5	106.4	418.6	519.9
1981:									
January	2,161.9	414.0	23.9	121.7	115.8	455.9	105.7	409.5	512.5
February	2,173.9	413.8	23.9	124.4	116.4	459.8	105.9	409.6	514.5
March	2,168.7	416.2	23.7	121.0	116.0	458.4	106.4	409.6	515.1
April	2,152.5	414.5	13.3	118.1	115.1	458.2	107.2	410.6	513.1
May	2,145.8	414.8	12.6	115.8	116.1	458.4	106.7	411.5	510.7
June	2,158.7	414.6	21.3	114.5	116.7	463.5	106.0	415.1	507.7
July	2,154.5	412.1	21.7	113.4	117.6	464.7	106.0	418.8	503.0
August	2,157.4	411.5	22.7	112.6	117.6	465.8	106.1	419.7	503.0
September	2,164.6	411.9	23.2	112.7	117.5	467.5	106.6	421.2	505.7
October	2,163.2	407.5	23.3	112.8	117.7	468.2	106.5	419.5	508.7
November	2,163.0	406.8	23.6	112.3	116.9	466.9	106.5	421.8	510.3
December	2,160.3	406.4	23.4	111.8	116.5	467.0	106.0	423.1	511.1
1982:									
January	2,179.1	405.1	24.7	110.1	119.1	474.9	106.7	423.1	510.7
February	2,191.7	405.2	24.6	114.4	118.9	478.0	106.9	425.2	512.0
March	2,173.0	402.1	24.8	109.2	118.0	475.5	107.1	421.5	513.1
April	2,163.6	401.1	24.8	106.3	117.8	473.6	107.0	421.0	510.2
May	2,157.1	398.3	23.1	105.2	119.4	473.9	106.4	421.6	509.2
June	2,152.9	399.4	21.9	102.6	117.1	476.3	105.6	422.3	508.9
July	2,150.3	398.0	21.6	102.8	116.5	476.7	105.5	424.4	508.7

See footnote Table D-1.

Table D-3.

SEASONALLY ADJUSTED WEEKLY HOURS OF VIRGINIA MANUFACTURING PRODUCTION WORKERS

SEASONALLY ADJUSTED	JULY 1982	JUNE 1982	JULY 1981	JUNE 1981
MANUFACTURING	38.9	39.1	39.7	40.0
DURABLE GOODS	39.4	39.7	40.3	40.8
LUMBER AND WOOD PRODUCTS	39.8	39.2	37.8	38.5
FURNITURE AND FIXTURES	37.3	36.6	39.4	39.7
HOUSEHOLD AND OFFICE FURNITURE	36.8	36.4	39.3	39.6
STONE, CLAY & GLASS PRODUCTS	38.3	38.5	39.7	40.7
GLASS AND GLASS PRODUCTS	38.9	39.6	40.5	41.0
STRUCTURAL CLAY PRODUCTS	41.4	43.2	38.0	40.6
PRIMARY METAL INDUSTRIES	37.8	39.8	41.0	41.8
FABRICATED METAL PRODUCTS	41.3	41.1	41.3	41.4
FABRICATED STRUCTURAL METAL PRODUCTS	41.4	40.0	42.0	42.4
MACHINERY EXCEPT ELECTRICAL	37.7	38.6	40.3	39.9
CONSTRUCTION AND RELATED MACHINERY	35.7	36.7	40.2	38.4
SPECIAL INDUSTRY MACHINERY	37.4	38.9	40.3	40.9
REFRIGERATION AND SERVICE MACHINERY	38.5	40.4	42.3	44.1
ELECTRIC & ELECTRONIC EQUIPMENT	38.1	38.6	40.6	40.5
COMMUNICATION EQUIPMENT	36.8	37.9	38.6	39.9
INSTRUMENTS & RELATED PRODUCTS	37.4	37.5	37.7	37.1
MISC. MANUFACTURING INDUSTRIES	37.3	35.6	41.2	38.7
NONDURABLE GOODS	38.5	38.6	39.1	39.3
FOOD & KINDRED PRODUCTS	38.5	39.5	38.1	39.1
TOBACCO MANUFACTURES	38.3	39.8	37.4	37.5
CIGARETTES	38.4	40.0	37.7	37.7
TEXTILE MILL PRODUCTS	36.5	36.4	40.6	40.4
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	39.1	39.3	42.8	42.3
KNITTING MILLS	31.8	31.9	37.2	37.1
YARN AND THREAD MILLS	38.5	38.7	42.0	42.6
MISC. TEXTILE GOODS	42.4	43.6	41.3	43.8
APPAREL & OTHER TEXTILE PRODUCTS	37.6	36.4	35.5	35.5
MENS & BOYS SUITS, COATS AND FURNISHINGS	34.7	35.7	34.2	34.6
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	37.5	36.1	35.9	35.3
PAPER & ALLIED PRODUCTS	40.9	41.5	41.8	42.4
PULP, PAPER & PAPERBOARD	42.8	43.7	41.6	44.6
PRINTING AND PUBLISHING	38.5	38.1	38.2	39.2
NEWSPAPER AND PERIODICALS	34.8	36.5	34.0	33.4
CHEMICALS & ALLIED PRODUCTS	42.0	41.3	42.2	41.6
PLASTICS MATERIALS AND SYNTHETICS	40.9	40.6	42.7	42.2
AGRICULTURAL CHEMICALS	38.3	41.4	43.6	40.3
LEATHER & LEATHER PRODUCTS	37.9	38.1	36.0	38.2

See footnote Table D-1.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.